Refine Search

Search Results -

Terms	Documents
L28 and L6	1

Database:
```
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```
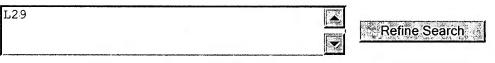
Search: L29

Refine Search

Recall Text   Clear   Interrupt

Search History

DATE: Tuesday, February 21, 2006   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
L29	L28 and 16	1	L29
L28	L27 and 12	29	L28
L27	124 or 125 or 126	68	L27
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L26	(4598788 | 4834205 | 5267160 | 5076381 | 4768602 | 5019982 | 4730839 | 5671143 | 4597462 | 5700073 | 4527654 | 5159553 | 5333058 | 4961144 | 4828061 | 5001636 | 5001637 | 4836319 | 5313389 | 5742917 | 4572316 | 4947327 | 5018070 | 5064013 | 5869753 | 5145022 | 4418780 | 4522417 | 5274576 | 5285390 | 4566710 | 4767588 | 4441572 | 5156229 | 4878557 | 4552239 | 5097918 | 6161905)![PN]	38	L26
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
L25	('5502639'| '6708088'| '4720790')[ABPN1,NRPN,PN,TBAN,WKU]	6	L25

L24 ('5502639'| '6708088'| '4720790')[URPN]   26 L24

L23 l16 or l17   3 L23

  DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L22 ('5589815')[URPN]   17 L22

L21 L20 and (tim$ near2 averag$)   1 L21

L20 5589815.pn.   1 L20

L19 L8 and (tim$ near2 averag$)   0 L19

L18 L17 and (tim$ near2 averag$)   0 L18

L17 L16 not (L8 or L15)   3 L17

L16 L13 and (701/36 |701/41).ccls.   3 L16

L15 L14 and (tim$ near2 averag$)   1 L15

L14 L13 and (steer$ near2 angle).clm.   19 L14

L13 L12 and (left$ with right$ with wheel$)   25 L13

L12 L11 and accelerat$ and (yaw near2 rate)   32 L12

L11 L10 and (ratio$ with (turn$ or rotat$) with angle)   132 L11

L10 L9 and (front$ with rear$)   886 L10

L9   L2 and @ad<=20021029   1554 L9

L8   L7 and (rotat$ with angl$).clm.   1 L8

L7   L6 and (steer$ near2 angle).clm.   7 L7

L6   L5 and (angl$ with turn$ with ratio)   9 L6

L5   L4 and @ad<=20021029   190 L5

L4   L3 and accelerat$ and (yaw near2 rate)   212 L4

L3   L2 and accelerat$ and (left$ near2 wheel) and (right near2 wheel)   383 L3

L2   ((steer$ near2 angle) with sens$) and (rotat$ with angle)   1747 L2

  DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L1   steer$ near2 angle   30194 L1

END OF SEARCH HISTORY

Hit List

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
| Generate OACS |

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 4951207 A

Using default format because multiple data bases are involved.

L29: Entry 1 of 1   File: USPT   Aug 21, 1990

US-PAT-NO: 4951207
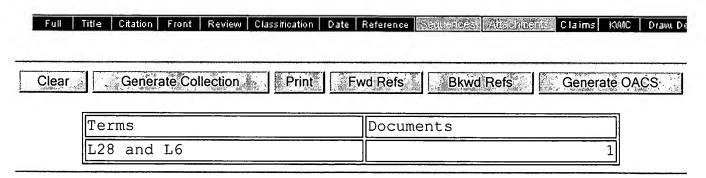DOCUMENT-IDENTIFIER: US 4951207 A

TITLE: Method for controlling the front wheel steer angle

DATE-ISSUED: August 21, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Furukawa; Yoshimi	Saitama			JP
Takei; Akihiko	Saitama			JP
Ishida; Shinnosuke	Saitama			JP
Oono; Nobuyuki	Saitama			JP

US-CL-CURRENT: 701/42; 180/446

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L28 and L6	1

Display Format: | - | Change Format |

Hit List

<u>First Hit</u> [Clear] [Generate Collection] [Print] [Fwd Refs] [Bkwd Refs]

[Generate OACS]

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6708088 B2

L25: Entry 1 of 6   File: USPT   Mar 16, 2004

US-PAT-NO: <u>6708088</u>
DOCUMENT-IDENTIFIER: US 6708088 B2

TITLE: Vehicle behavior control apparatus

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 5502639 A

L25: Entry 2 of 6   File: USPT   Mar 26, 1996

US-PAT-NO: <u>5502639</u>
DOCUMENT-IDENTIFIER: US 5502639 A

TITLE: Controlling apparatus of steering angle of rear wheels of four-wheel
steering vehicle

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 4720790 A

L25: Entry 3 of 6   File: USPT   Jan 19, 1988

US-PAT-NO: <u>4720790</u>
DOCUMENT-IDENTIFIER: US 4720790 A

TITLE: Apparatus for controlling steer angle of rear wheels of vehicle

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 4. Document ID: US 6708088 B2, US 20020153770 A1, JP 2002316546 A, EP 1256499
A2

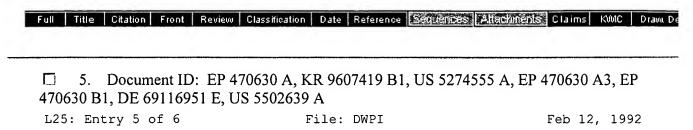L25: Entry 4 of 6   File: DWPI   Mar 16, 2004

DERWENT-ACC-NO: 2003-018490
DERWENT-WEEK: 200420

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Vehicle behavior control apparatus for calculating target yaw rate, has target yaw rate calculator which computes target yaw rate based on computed stability factor when turning to left or right
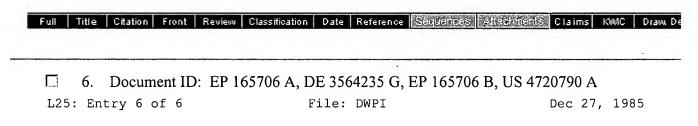
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   5.   Document ID: EP 470630 A, KR 9607419 B1, US 5274555 A, EP 470630 A3, EP 470630 B1, DE 69116951 E, US 5502639 A

L25: Entry 5 of 6   File: DWPI   Feb 12, 1992

DERWENT-ACC-NO: 1992-050690
DERWENT-WEEK: 199919
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Rear wheels steering angle controlling appts. - controls steering angle of rear wheels of four wheel steering vehicle and provides quick response of electric motor when necessary

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐   6.   Document ID: EP 165706 A, DE 3564235 G, EP 165706 B, US 4720790 A

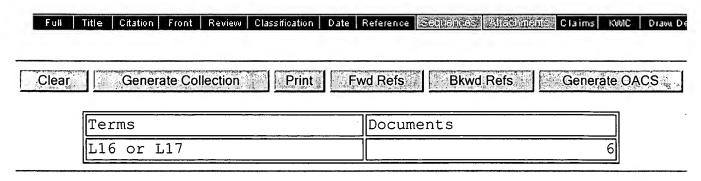L25: Entry 6 of 6   File: DWPI   Dec 27, 1985

DERWENT-ACC-NO: 1986-001263
DERWENT-WEEK: 198601
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Vehicle rear wheel steering angle control appts. - steers rear wheels in direction counter to front wheels when steering wheel is operated at high speed

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L16 or L17	6

Display Format: TI   Change Format

Previous Page   Next Page   Go to Doc#

The Contents of Case 10691670

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	steer$ near2 angle	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	ASSIGNEE	OR	YES
Q2	((steer$ near2 angle) with sens$) and (rotat$ with angle)	USPT	ASSIGNEE	OR	YES
Q3	Q2 and accelerat$ and (left$ near2 wheel) and (right near2 wheel)	USPT	ASSIGNEE	OR	YES
Q4	Q3 and accelerat$ and (yaw near2 rate)	USPT	ASSIGNEE	OR	YES
Q5	Q4 and @ad<=20021029	USPT	ASSIGNEE	OR	YES
Q6	Q5 and (angl$ with turn$ with ratio)	USPT	ASSIGNEE	OR	YES
Q7	Q6 and (steer$ near2 angle).clm.	USPT	ASSIGNEE	OR	YES
Q8	Q7 and (rotat$ with angl$).clm.	USPT	ASSIGNEE	OR	YES
Q9	Q2 and @ad<=20021029	USPT	ASSIGNEE	OR	YES
Q10	Q9 and (front$ with rear$)	USPT	ASSIGNEE	OR	YES
Q11	Q10 and (ratio$ with (turn$ or rotat$) with angle)	USPT	ASSIGNEE	OR	YES
Q12	Q11 and accelerat$ and (yaw near2 rate)	USPT	ASSIGNEE	OR	YES
Q13	Q12 and (left$ with right$ with wheel$)	USPT	ASSIGNEE	OR	YES
Q14	Q13 and (steer$ near2 angle).clm.	USPT	ASSIGNEE	OR	YES
Q15	Q14 and (tim$ near2 averag$)	USPT	ASSIGNEE	OR	YES
Q16	Q13 and 701/36,41.ccls.	USPT	ASSIGNEE	OR	YES

Q17	Q16 not (Q8 or Q15)	USPT	ASSIGNEE	OR	YES
Q18	Q17 and (tim$ near2 averag$)	USPT	ASSIGNEE	OR	YES
Q19	Q8 and (tim$ near2 averag$)	USPT	ASSIGNEE	OR	YES
Q20	5589815.pn.	USPT	ASSIGNEE	OR	YES
Q21	Q20 and (tim$ near2 averag$)	USPT	ASSIGNEE	OR	YES

Case Operation

| Run Case | ▼ |

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          (c) 2006 TWI Ltd
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          (c) 2006 The Dialog Corporation
File   63:Transport Res(TRIS) 1970-2006/Jan
          (c) fmt only 2006 Dialog
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          (c)2006 Japan Science and Tech Corp(JST)
File   95:TEME-Technology & Management 1989-2006/Feb W3
          (c) 2006 FIZ TECHNIK
File 266:FEDRIP 2005/Dec
          Comp & dist by NTIS, Intl Copyright All Rights Res
File    2:INSPEC 1898-2006/Feb W2
          (c) 2006 Institution of Electrical Engineers
?
```

```
S (ZERO? (W) POWER? (W) CONTROL?) AND HYBRID? AND PD<=030812
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
>>>File 25 processing for PD=  : PD=030812
>>>     started at PD=19080000 stopped at PD=19920106
>>>File 63 processing for PD=  : PD=030812
>>>     started at PD=DATED stopped at PD=19680517
>>>File 81 processing for PD=  : PD=030812
>>>     started at PD=19390728 stopped at PD=19920325
          420124   ZERO?
         2534249   POWER?
         4252951   CONTROL?
             126   ZERO?(W)POWER?(W)CONTROL?
          353242   HYBRID?
         1602215   PD<=030812
     S2       0   (ZERO? (W) POWER? (W) CONTROL?) AND HYBRID? AND
                   PD<=030812
?
```

1/3,KWIC/1   (Item 1 from file: 95)

01705484 20021206714
A transfer-function approach to the analysis and design of zero-power controllers for magnetic suspension systems

Mizuno, T; Takemori, Y
Saitama Univ., Urawa, J

A transfer-function approach to the analysis and design of zero - power controllers for magnetic suspension systems
2002

ABSTRACT:
A transfer function approach is applied to the analysis and design of zero - power controllers for magnetic suspension systems. The general structures of controllers achieving zero - power control are derived for both current- and voltage-controlled magnetic suspension systems. For the former type...
...the self-sensing suspension also achieves zero-power characteristics automatically. A direct synthesis method for zero - power control is developed based on the analysis. Several experiments are carried out with a single-degree...

1/3,KWIC/2   (Item 2 from file: 95)

00949710 I95128108303
Dynamic analysis of the Maglev system using controlled-PM electromagnets and robust zero-power-control strategy
(Dynamische Analyse eines Magnetschwebesystems mit geregelten Elektrodauermagneten und robuster Nulleistungsregelstrategie)

Yeou-Kuang Tzeng; Wang, TC
Dept. of Electr. Eng., Nat. Tsing Hua Univ., Hsinchu, Taiwan

Dynamic analysis of the Maglev system using controlled-PM electromagnets and robust zero - power - control strategy
1995

ABSTRACT:
...presents a rigorous dynamic analysis for a Maglev system with controlled-PM electromagnets and robust zero power control strategy. A variable structure control theory using the new reaching law method is applied to...
IDENTIFIERS: FREQUENCY DOMAIN SYNTHESIS; MAGNETIC LEVITATION; VARIABLE

STRUCTURE SYSTEMS; MAGLEV SYSTEM; CONTROLLED PM ELECTROMAGNETS; ROBUST
ZERO   POWER   CONTROL ; DYNAMIC ANALYSIS; VARIABLE STRUCTURE CONTROL
THEORY; REACHING LAW METHOD; ROBUST CONTROLLER SYNTHESIS; CONTROL VOLTAGE
CHATTERING...
?

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S (ZERO? (W) POWER? (W) CONTROL?) AND PD<=030812
>>>One or more prefixes are unsupported
>>>  or undefined in one or more files.
>>>File 25 processing for PD=  : PD=030812
>>>    started at PD=19080000 stopped at PD=19920106
>>>File 63 processing for PD=  : PD=030812
>>>    started at PD=DATED stopped at PD=19680517
>>>File 81 processing for PD=  : PD=030812
>>>    started at PD=19390728 stopped at PD=19920325
Processing
         420124   ZERO?
        2534249   POWER?
        4252951   CONTROL?
            126   ZERO?(W)POWER?(W)CONTROL?
        1602215   PD<=030812
     S1       2   (ZERO? (W) POWER? (W) CONTROL?) AND PD<=030812
?
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**Application
Number** [   ] [SEARCH]

IDS Flag Clearance for Application [10691670]

[IDS Information]

	Content	Mailroom Date	Entry Number	IDS Review	Reviewer
	M844	11-07-2003	13	☑	08-11-2005 00:41:15 IDS CONV
	M844	09-30-2004	14	☑	08-11-2005 00:41:15 IDS CONV

[UPDATE]